

SEQUENCE LISTING

<110> Mack, David Gish, Kurt Wilson, Keith

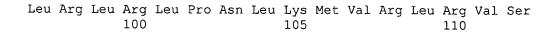
 $<\!120\!>\,$ NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR COLORECTAL CANCER MODULATORS

<130>	A-69796/E	OJB/JJD						
<140> <141>	US 09/733 2000-12-0							
<160>	3							
<170>	PatentIn	version	3.0					
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	c cgc gtt l Arg Val							159
	a gta tct g Val Ser							207
	a cag atc u Gln Ile 50							255
	a cag aag u Gln Lys 65							303
	t ggg gtc r Gly Val							351
	g ctg cgc t Leu Arg							399

			gtg Val										447
			aga Arg										495
		_	aag Lys	_	_			-			_	-	543
			att Ile										591
			cct Pro 180										639
			gga Gly										687
			acg Thr										735
			cca Pro										783
			gcc Ala										831
			caa Gln 260										879
-			tct Ser			_	_				_	_	927
			ctc Leu										975
			aca Thr										1023
_		_	aaa Lys	_	_	_		_	_	_	_		1071
			gtt Val										1119

335	340	345	350
	-	cg gac agc ctt ttg g la Asp Ser Leu Leu G 360	
	Leu Ala Asp A	at ctc aaa tta ttt a sn Leu Lys Leu Phe A 75	
_	-	aa tat tgg ttt atc t ln Tyr Trp Phe Ile P 395	2
		ag gaa ctt gaa caa g ys Glu Leu Glu Gln G 410	
		gc gaa gtt gtg ccc g ys Glu Val Val Pro A 425	
		ag tta cta atc cct g ys Leu Leu Ile Pro V 440	
	Tyr Leu Arg C	gt gac cat gag aat c ys Asp His Glu Asn G 55 4	
		ca tcg aag ggc aaa a la Ser Lys Gly Lys T 475	
		tc aac atc ctt tca t eu Asn Ile Leu Ser P 490	
		ag gtg gct tcc agt c ln Val Ala Ser Ser L 505	
-		tg tca cca cgg tgt g al Ser Pro Arg Cys A 520	2
	Leu Ala Ala A	gg atc ctg gag gcg c rg Ile Leu Glu Ala H 35	
· · · · · · · · · · · · · · · · · · ·		cc aag ctg cgg ttc a la Lys Leu Arg Phe I 555	
		tc acc tac tac ctt g eu Thr Tyr Tyr Leu V 570	

aaa gga agc aaa aaa gat gac att ctg gga gtt tca tat aac agg ttg Lys Gly Ser Lys Lys Asp Asp Ile Leu Gly Val Ser Tyr Asn Arg Leu 575 580 585 590	1839
att aaa att gat gca gcc acc ggg att cca gtg aca aca tgg aga ttc Ile Lys Ile Asp Ala Ala Thr Gly Ile Pro Val Thr Thr Trp Arg Phe 595 600 605	1887
aca aat atc aaa cag tgg aat gta aac tgg gaa acc cgg cag gtg gtc Thr Asn Ile Lys Gln Trp Asn Val Asn Trp Glu Thr Arg Gln Val Val 610 615 620	1935
atc gag ttt gac caa aac gtc ttt act gct ttc acc tgc ctg agt gca Ile Glu Phe Asp Gln Asn Val Phe Thr Ala Phe Thr Cys Leu Ser Ala 625 630 635	1983
gat tgc aag att gtg cac gag tac att ggc ggc tac att ttc ttg tcc Asp Cys Lys Ile Val His Glu Tyr Ile Gly Gly Tyr Ile Phe Leu Ser 640 645 650	2031
acc cgc tcc aag gac cag aat gaa aca ctc gat gag gac ttg ttc cac Thr Arg Ser Lys Asp Gln Asn Glu Thr Leu Asp Glu Asp Leu Phe His 655 660 665 670	2079
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<213> Homo sapiens	
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Phe Ser Ala Val Val Phe Lys Ala Val Ser Asp Ile Cys Lys Ile Leu 115 120 125

Asn Ile Arg Arg Ser Glu Glu Leu Ser Leu Leu Lys Pro Ser Gly Asp 130 135 140

Tyr Phe Lys Lys Lys Lys Lys Asp Lys Asn Asn Lys Glu Pro Ile 145 150 155 160

Ile Glu Asp Ile Leu Asn Leu Glu Ser Ser Pro Thr Ala Ser Gly Ser 165 170 175

Ser Val Ser Pro Gly Leu Tyr Ser Lys Thr Met Thr Pro Ile Tyr Asp 180 185 190

Pro Ile Asn Gly Thr Pro Ala Ser Ser Thr Met Thr Trp Phe Ser Asp 195 200 205

Ser Pro Leu Thr Glu Gln Asn Cys Ser Ile Leu Ala Phe Ser Gln Pro 210 220

Pro Gln Ser Pro Glu Ala Leu Ala Asp Met Tyr Gln Pro Arg Ser Leu 225 230 235 240

Val Asp Lys Ala Lys Leu Asn Ala Gly Trp Leu Asp Ser Ser Arg Ser 245 250 255

Leu Met Glu Gln Gly Ile Gln Glu Asp Glu Gln Leu Leu Arg Phe 260 265 270

Lys Tyr Tyr Ser Phe Phe Asp Leu Asn Pro Lys Tyr Asp Ala Val Arg 275 280 285

Ile Asn Gln Leu Tyr Glu Gln Ala Arg Trp Ala Ile Leu Leu Glu Glu 290 295 300

Ile Asp Cys Thr Glu Glu Glu Met Leu Ile Phe Ala Ala Leu Gln Tyr 305 310 315 320





His Ile Ser Lys Leu Ser Leu Ser Ala Glu Thr Gln Asp Phe Ala Gly 325 330 335

Glu Ser Glu Val Asp Glu Ile Glu Ala Ala Leu Ser Asn Leu Glu Val 340 345 350

Thr Leu Glu Gly Gly Lys Ala Asp Ser Leu Leu Glu Asp Ile Thr Asp 355 360 365

Ile Pro Lys Leu Ala Asp Asn Leu Lys Leu Phe Arg Pro Lys Lys Leu 370 375 380

Leu Pro Lys Ala Phe Lys Gln Tyr Trp Phe Ile Phe Lys Asp Thr Ser 385 390 395 400

Ile Ala Tyr Phe Lys Asn Lys Glu Leu Glu Gln Gly Glu Pro Leu Glu
405 410 415

Lys Leu Asn Leu Arg Gly Cys Glu Val Val Pro Asp Val Asn Val Ala 420 425 430

Gly Arg Lys Phe Gly Ile Lys Leu Leu Ile Pro Val Ala Asp Gly Met 435 440 445

Asn Glu Met Tyr Leu Arg Cys Asp His Glu Asn Gln Tyr Ala Gln Trp 450 455 460

Met Ala Ala Cys Met Leu Ala Ser Lys Gly Lys Thr Met Ala Asp Ser 465 470 475 480

Ser Tyr Gln Pro Glu Val Leu Asn Ile Leu Ser Phe Leu Arg Met Lys 485 490 495

Asn Arg Asn Ser Ala Ser Gln Val Ala Ser Ser Leu Glu Asn Met Asp 500 505 510

Met Asn Pro Glu Cys Phe Val Ser Pro Arg Cys Ala Lys Lys His Lys 515 520 525

Ser Lys Gln Leu Ala Ala Arg Ile Leu Glu Ala His Gln Asn Val Ala 530 535 540

Gln Met Pro Leu Val Glu Ala Lys Leu Arg Phe Ile Gln Ala Trp Gln 545 550 555 560

Ser Leu Pro Glu Phe Gly Leu Thr Tyr Tyr Leu Val Arg Phe Lys Gly 565 570 575

Ser Lys Lys Asp Asp Ile Leu Gly Val Ser Tyr Asn Arg Leu Ile Lys 580 585 590

Ile Asp Ala Ala Thr Gly Ile Pro Val Thr Thr Trp Arg Phe Thr Asn 595 600 605

Ile Lys Gln Trp Asn Val Asn Trp Glu Thr Arg Gln Val Val Ile Glu 610 620

Phe Asp Gln Asn Val Phe Thr Ala Phe Thr Cys Leu Ser Ala Asp Cys 625 635 635

Lys Ile Val His Glu Tyr Ile Gly Gly Tyr Ile Phe Leu Ser Thr Arg 645 650 655

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Thr Gly Gly Gln Asp 675

<210> 3 <211> 5

<212> PRT

<213> Unknown

<220>

<223> Cytokine receptor extracellular motif found in many species.

<220>

<221> UNSURE

<222> (3)..(3)

<223> "Xaa" at position 3 can be any amino acid.

<400> 3

Trp Ser Xaa Trp Ser 1 5